ļ	UTILITY
P	ATENT APPLICATION
ø	TRANSMITTAL

Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

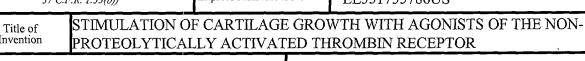
ttorney Docket No.	3033.1003-0

First Named Inventor or
Application Identifier

Darrell H. Carney

Express Mail Label No.

EL551755786US



PROTEOLY TICALLY ACTIVATED THROMBIN RECEPTOR							
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231						
[X] Fee Transmittal Form (Submit an original, and a duplicate for fee processing)	6. [] Microfiche Computer Program (Appendix)						
2. [X] Specification [Total Pages 28] (preferred arrangement set forth below)	7. [X] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						
- Descriptive title of the invention	a. [X] Computer Readable Copy						
 Cross References to Related Applications Statement Regarding Fed sponsored R & D Reference to microfiche Appendix 	b. [X] Paper Copy (identical to computer copy) 2 Pages						
Background of the InventionSummary of the Invention	c. [X] Statement verifying identity of above copies						
Brief Description of the DrawingsDetailed Description	ACCOMPANYING APPLICATION PARTS						
 Claim(s) Abstract of the Disclosure	8. [] Assignment Papers (cover sheet & documents) [X] Assignee -						
3. [] Drawing(s) (35 U.S.C. 113) Total Sheets []	The Board of Regents, The University of Texas System						
[] Formal [] Informal [] Fig. of the Drawings for Publication []	9. [] 37 C.F.R. 3.73(b) Statement [] Power of Attorney (when there is an assignee)						
4. [X] Oath or Declaration/POA Total Pages [3]	10. [] English Translation Document (if applicable)						
a. [X] Newly executed (original or copy)	11. [] Information Disclosure [] Copies of IDS Statement (IDS)/PTO-1449 Citations						
b. [] Copy from a prior application (37 C F.R 1.63(d)) (for continuation/divisional with Box 18 completed) [NOTE Box 5 below]	12. [] Preliminary Amendment						
i. [] <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting	13. [X] Return Receipt Postcard (MPEP 503) (Should be specifically itemized)						
inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).	14. [] Small Entity [] Statement filed in prior application, status still proper and desired						
5. [] Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a	15. [] Certified Copy of Priority Document(s) (if foreign priority is claimed)						
copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	16. [] Nonpublication Request (check parent application) 17. [] Other:						
	<u> </u>						
18. If a CONTINUING APPLICATION, check appropriate be	* * * * * * * * * * * * * * * * * * * *						
[] Continuation [] Divisional [] Continuation-in-part (CIP) of prior application No.:							
Prior application information: Examiner: Group Art Unit:							
19. CORRESPONDENCE ADDRESS Carolyn S. Elmore							
NAME HAMILTON, BROOK, SMITH & REYN	OLDS, P.C.						
ADDRESS Two Militia Drive							
	MA ZIP CODE 02421-4799						
COUNTRY USA TELEPHONE (78	1) 861-6240 FAX (781) 861-9540						

Signature	the 70.	Date	July 19, 2001
Submitted by Typed or Printed Name	Steven G. Davis	Reg. Number	39,652

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

FEE TRANSMITTAL FOR PATENT APPLICATIONS			Attorney Docket Number		3033.1003-001				
			Application Number						
			First Named Inventor		Darrell H. Carney				
CLAIM CALCULATION (includes any preliminary amendment)									
CLAIMS	(1) FO	₹ (2) NUMBER FILED (3) NUMBER EXTRA		R (4) RATE		Έ	(5) CALCULATIONS	
politic politic politic	TOTAL CLAIMS (37 CFR 1 16(c) or (j		21 -20*=	-20* = 1 x \$18 =		3 =	\$	18	
		NDEPENDENT CLAIMS 6 - 3** = 3 x \$80		0 =	\$	240			
	MULTIPLE DEF	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) + \$ 270 =				0 =	\$		
	BASIC FEE (37 CFR 1.16(a) or (h))					IC FEE (a) or (h))	\$	710	
					Total of ab	oove Calcula	tions =	\$	968
		R	eduction by 50% for fili	ng by small entity	y (37 CFR	1.9, 1.27, 1	.28) =	\$	
						TC	DTAL =	\$	968
		Surch	harge - Late Filing of De	eclaration or Filin	g Fees (3	7 C.F.R. 1.1	6(e)) =	\$	
arata -			Petition	for Extension of	Time Fee	(37 C.F.R.	1.17) =	\$	
	Assignment Recordation Fee = (only when filed with application)						r Fee = ication)	\$	
	* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent TOTAL =					TAL =	\$	968	
1. Small entity status:									
	a. [] Ası	mall entity state	ement is enclosed.						
	 b. [] A small entity statement was filed in the prior non-provisional application and such status is still proper and desired. 								
	c. [] Is n	o longer claim	ed.						
;	A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.								
3. [X] ,	A check is enclosed for \$968 [] Please charge \$[] to Deposit Account No. 08-0380.								
4. []	Other:								
_	·								
			<u> </u>						
Signature		to 100°		D	ate	20	419	2001	
Submitted by Typed or Printed Name			Steven G. Davis		Reg. I	Number	39,652		2

Date: July 19, 2001

EXPRESS MAIL LABEL NO. <u>EL551755786US</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Darrell H. Carney, Roger S. Crowther, Janet Stiernberg

and John Bergmann

Title: STIMULATION OF CARTILAGE GROWTH WITH AGONISTS OF

THE NON-PROTEOLYTICALLY ACTIVATED THROMBIN

RECEPTOR

TRANSMITTAL OF SEQUENCE LISTING IN COMPUTER READABLE FORM IN COMPLIANCE WITH 37 C.F.R. §§1.821(e) AND (f)

Box Sequence Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Transmitted herewith is a copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. §1.821(e). As required by 37 C.F.R. §1.821(f), Applicant's Attorney hereby states that the content of the "Sequence Listing" in paper form and of the computer readable form of the "Sequence Listing" are the same.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

Steven G. Davis

Registration No. 39,652

Telephone (781) 861-6240

Facsimile (781) 861-9540

Lexington, Massachusetts 02421-4799

Date:

July 19, 200